

SECTION 1: IDENTIFICATION**Product Identifier**

Product Name	Product Form	Product Code
SNAKE-IT™	Powder	RH-710

Relevant identified uses of the substance or mixture:

Granular Sewer Cleaner

Details of the supplier of the safety data sheet

Rhomar Industries, Inc.
2107 E. Rockhurst St.
Springfield, MO 65802 USA
T 417-866-5592; F 417-866-5593
solutions@rhomar.com

Emergency telephone number

1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION**Classification:**

Oxidizing solid (Category 3)
Corrosive to metals (Category 1)
Serious eye damage/eye irritation (Category 1)
Skin corrosion/irritation (Category 1)
Acute aquatic toxicity (Category 3)

**Hazard Statements:**

May be corrosive to metals
May intensify fire: Oxidizer
Causes severe skin burns and eye damage
Harmful to aquatic life

Signal Word:
Danger**Precautionary Statements****Prevention:**

Keep away from flammable/combustible/reducing materials.
Keep only in original container tightly closed.
Use in well-ventilated area.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust or mist.
Avoid release to the environment.

Response:

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

Skin Contact: Wash with plenty of soap and water. If irritation occurs get medical advice/attention. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting. Rinse mouth. Call a poison center or doctor/physician if you feel unwell.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Fire: Consider carbon dioxide, dry chemical, dry sand or alcohol resistant foam to extinguish.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store in a corrosive resistant container.

Disposal:

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS #	Weight %
Sodium Nitrate	7631-99-4	30-40
Sodium Hydroxide	1310-73-2	50-60

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call physician.

Eye Contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a Poison Center or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of soap and water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause severe skin burns and eye damage.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide, water spray.

Unsuitable Extinguishing Media

No data available.

Specific Hazards Arising from the Chemical

Contact with combustible materials will not cause spontaneous ignition, however, sodium nitrate will enhance an existing fire. Thermal decomposition products are Nitrous oxides, sodium nitrite and sodium oxides.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep upwind of the fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protective equipment as required. Avoid breathing vapor/mist/gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment. Pick up and arrange for disposal without creating dust.

Methods for Cleaning Up

Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Do not absorb in saw-dust or other combustible absorbents.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Avoid generation of dust.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with combustible substances, reducing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	CAS #	ACGIH – TLV	OSHA PEL	NIOSH
Sodium Nitrate	7631-99-4	No data available	No data available	No data available
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved chemical safety goggles/face shield at all time. Eyewash station is recommended.

Skin and Body Protection: Wear suitable protective clothing. Nitrile rubber gloves.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. Wear respiratory protection where airborne concentrations are expected to exceed exposure limits.

General Hygiene Considerations: Avoid contact with eyes and skin. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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Information on Basic Physical and Chemical Properties

Physical State	Granular		
Color	Red		
pH	14 at 50 g/l at 68° F	Melting Point/Freezing Point	584-604° F
Boiling Point/Boiling Range	No data available	Flash Point	Not applicable
Evaporation Rate	No data available	Flammability (Solid, Gas)	No data available
Upper Flammable Limits	No data available	Lower Flammable Limits	No data available
Vapor Pressure	No data available	Vapor Density	No data available
Specific Gravity	2.065	Water Solubility	Soluble in Water
Partition Coefficient	No data available	Autoignition Temperature	No data available
Decomposition Temperature	No data available	Kinematic Viscosity	No data available
Dynamic Viscosity	No data available	Explosive Properties	Not an Explosive
Oxidizing Properties	Oxidizer	Odor	Odorless
Odor Threshold	No data available		

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: Keep away from flammable, combustible and reducing substances.

Incompatible Materials: Strong oxidizing agents, strong acids, flammable, combustible and reducing substances.

Hazardous Decomposition Products: Nitrous oxides, sodium nitrite, sodium oxide.

SECTION 11: TOXICOLOGICAL INFORMATION
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Information on Likely Routes of Exposure**Product Information**

Inhalation: Avoid breathing dust or mist.

Eye Contact: Causes severe eye damage.

Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Nitrate	7631-99-4	>2000 mg/kg (Rat)	>5000 mg/kg (Rat)	>0.527 mg/l (4-h)
Sodium Hydroxide	1310-73-2	No data available	No data available	No data available

Chemical Name	Isopropyl Alcohol	Nonylphenol, ethoxylated
Skin corrosion/irritation	Non-irritant (rabbit)	Causes severe burns (rabbit 24h)
Serious eye damage/irritation	Irritant (rabbit)	Corrosive (rabbit 24h)
Respiratory or skin sensitization	Does not cause sensitization	Will not occur
Mutagenicity	Negative results	No data available
Carcinogenicity	No carcinogenic properties	No carcinogenic properties
Reproductive toxicity	No data available	No data available
Specific target organ toxicity single exposure	Classification criteria not met	No data available
Specific target organ toxicity repeated exposure	Classification criteria not met	No data available
Aspiration hazard	Classification criteria not met	No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined.

SECTION 16: OTHER INFORMATION**HMIS Ratings:**

Health: 3
 Flammability: 0
 Reactivity: 2

Indication of changes: Revision-1

Date Sheet Prepared: 04/02/2015

Other Information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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